

RCRA Corrective Action Environmental Indicator Forms: Additional Questions

Completed by: Ray Saracino, EPA Jennifer Downey, EPA	Date: 4/6/99 & 9/12/01
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		Yes	No
Facility Name: United Musical Instruments (aka C.G. Conn, Inc., aka Artley Flute) Street Address: 1310 W. Fairway Drive City, State: Nogales, Arizona EPA ID#: AZT 000 612 135	NPL Site?		X
	BRAC Site?		X
	GPRA Baseline?	X	
	EJ Site?		X
	Near-bankrupt?		X
Facility Contact Name: Maria Noriega Company: United Musical Instruments Street Address: 1310 W. Fairway Drive City, State: Nogales, Arizona Phone: (520) 281-1970 E-mail:			

Agencies Involved in Remedial Oversight (check all that apply)			
9 Federal CERCLA	9 DTSC Site Mitigation - Region ____	9 RWQCB - Region ____	
9 DTSC Permit Unit - Region ____	9 Federal RCRA	X ADEQ Hazardous Waste Section	

Project Manager Interviewed:	James Harris
Agency:	ADEQ - Hazardous Waste Permits Unit
Phone:	(602) 207-7660
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Site Summary:

This facility is on the corrective action GPRA baseline. United Musical Instruments manufactures musical instruments at their 10-acre Nogales facility located at 1310 and 1341 W. Fairway Drive. The facility has been in continuous operation since 1966 and on average, manufactures approximately 180 instruments per day. The manufacturing process involves all phases of production, from delivery of raw materials (sheet metal, wood, etc.) to shipping of finished instruments for sale. The facility is situated in a low-density area north of Nogales that is zoned for light industrial use.

Until 1986, UMI operated a surface impoundment to receive hazardous wastes generated at its manufacturing

facility. This impoundment was subsequently closed in 1987, including the removal of all contaminated surface soils. Although the impoundment was certified as closed by ADEQ, groundwater contamination was found to have occurred from the past disposal practices. Constituents found in the groundwater include TCE, 1,1,2-TCA, 1,1-DCE, cis-1,2-DCE, PCE, chromium, and lead. However, UMI believes that the chromium and lead may be naturally occurring for the region or may be caused by well construction and well development. A consent order (No. D-47-93) was signed on August 18, 1993, that required UMI to undertake groundwater remediations at the site. This consent order was amended on July 22, 1994 and May 26, 1995. Following inspections by ADEQ in 1996 and 1997, this order was revised, effective January 27, 1998. Finally, on December 31, 1999, a post-closure permit application was submitted by UMI to ADEQ.

As a result of the consent order and earlier investigations, UMI installed a series of monitoring wells around the manufacturing facility and a groundwater extraction and treatment system. Recent analyses of influent groundwater from extraction well number two to contain 1,1,-DCE concentrations at 3400 ppb, 1,1-DCA at 1600 ppb, Cis-1,2-DCE at 530 ppb, Chloroform at 8.6 ppb, 1,2-DCA at 14 ppb, 1,1,1-TCA at 24 ppb, and PCE at 5.4 ppb. Recent analyses of groundwater from monitoring wells have found concentrations of up to 1800 ppb of 1,1-DCE, 1600 ppb of 1,1-DCA, 220 ppb of Cis-1,2-DCE, and 89 ppb of TCE.

At present, it is not known whether migration of groundwater is under control. UMI will be submitting a modeling study in Q4 2001 that may clarify this issue.

CA 725 Current Human Exposures Under Control

<p>Current Human Exposures Under Control Determination</p> <p>X YES</p> <p>9 NO</p> <p>9 IN (Insufficient information)</p> <p>9 No determination was made</p>	<p>If determination is NO or IN, the likelihood of achieving Els by 2005 is</p> <p>9 Likely by _____ (insert year)</p> <p>9 Unlikely</p> <p>9 Difficult to determine</p>
<p>If determination is YES, it falls under the following categories: (check all that apply)</p> <p>9 Final stages of C/A</p> <p>X Stabilization measures implemented</p> <p>9 No groundwater contamination</p> <p>9 Undergoing redevelopment</p> <p>9 Other:</p>	<p>If determination is NO or IN, it falls under the following categories: (check all that apply)</p> <p>9 Early stages of C/A</p> <p>9 Indoor air issues</p> <p>9 Abandoned, near-bankrupt</p> <p>9 Technical limitations</p> <p> Please specify (complex hydrogeology, contaminants, large area):</p> <p>9 Uncooperative</p> <p>9 Administrative delays</p> <p>9 Other:</p>

For sites with **NO or IN** determinations, provide a description of the next steps which will be taken to achieve the Current Human Exposures El:

CA750 Migration of Contaminated Groundwater Under Control

<p>Migration of Contaminated Groundwater Under Control</p> <p><input type="radio"/> YES</p> <p><input type="radio"/> NO</p> <p><input checked="" type="radio"/> IN (Insufficient information)</p> <p><input type="radio"/> No determination was made</p>	<p>If determination is NO or IN, the likelihood of achieving ElS by 2005 is</p> <p><input checked="" type="radio"/> Likely by <u>2003</u> (insert year)</p> <p><input type="radio"/> Unlikely</p> <p><input type="radio"/> Difficult to determine</p>
<p>If determination is YES, it falls under the following categories: (check all that apply)</p> <p><input type="radio"/> Final stages of C/A</p> <p><input type="radio"/> Stabilization measures implemented</p> <p><input type="radio"/> No groundwater contamination</p> <p><input type="radio"/> Undergoing redevelopment</p> <p><input type="radio"/> Other:</p>	<p>If determination is NO or IN, it falls under the following categories: (check all that apply)</p> <p><input checked="" type="radio"/> Early stages of C/A</p> <p><input checked="" type="radio"/> GW/SW issues</p> <p><input type="radio"/> Abandoned, near-bankrupt</p> <p><input type="radio"/> Technical limitations - Please specify (complex hydrogeology, contaminants, large area):</p> <p><input type="radio"/> Uncooperative</p> <p><input type="radio"/> Administrative delays</p> <p><input type="radio"/> Other:</p>

For sites with **NO or IN** determinations, provide a description of the next steps which will be taken to achieve the Migration of Contaminated Groundwater Under Control El:

Further investigation into extent of groundwater contamination is needed. In the course of seeking their post-closure permit, UNI is conducting this investigation.